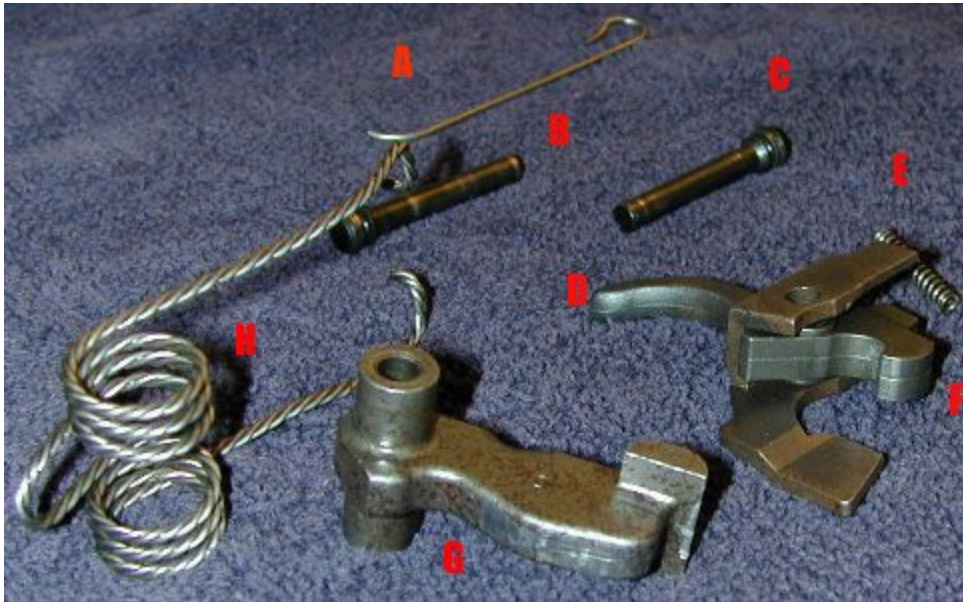


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Page 1 | **Page 2** | **Page 3**

Many had asked on how to assemble and disassemble semi auto fire control group (FCG). It is actually pretty simple after you have done it at least once. Follow these steps to learn how to do it. In this example we will take apart SAR1 FCG. Let's name those FCG parts first:



- | | |
|-----------------------------|--|
| A. Retainer Pin or Wire pin | E. Disconnecter Spring or Trigger Spring |
| B. Hammer Pin (Axel) | F. Disconnecter or Sear |
| C. Trigger Pin (Axel) | G. Hammer |
| D. Trigger | H. Main Spring or Hammer Spring |

O.K., now that we have agreed on what to call these parts, let's begin:

1. Set up your workplace. You will need both of your hands, so make sure your unloaded and field stripped gun sits securely in a gun vise.



2. Release the hammer. Hold the hammer with your thumb and squeeze the trigger. Carefully let the hammer forward till it stops. [Some of my pictures may show different or modified parts, like that Double Hook Trigger versus Single Hook Trigger pictured in the parts view].



3. Remove the safety. Just turn it so that it points up, and remove.

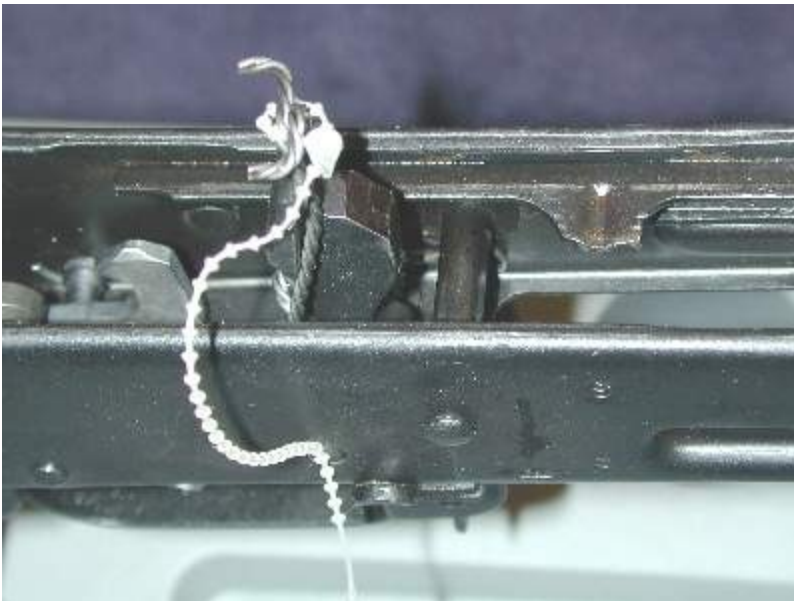
4. Take a small screwdriver and uplift the hammer spring ends one by one, and place them on the hammer wings.

5. Secure the spring! This is important if you don't want your hands scratched, pinched or pierced by the spring. Use plastic tie-up, or just a piece of wire like a kitchen trash bag tie-up wire, but make sure those ends won't get off the wings!



6. Now it is time to remove a Wire Pin, that holds hammer pin and trigger pin in place. You should see it on the bottom of the receiver, below FCG, on the left side. You should see how it wraps around a groove on a hammer pin, and goes under the groove in the trigger pin.

First step here is to pry it off the hammer pin. Use screwdriver to push forward the upper open end of it. After you have done it , it will look like this:



Click On Image For Closer Look Now flip it to the right, so that it lies flat



Click On Image For Closer Look on the bottom of the receiver, and either pull it out forward, or pry it from under the trigger pin groove with a screwdriver like this:



7. The rest is easy. Remove the hammer pin. Push it from the right and pull to the left.



Click On Image For Closer Look

8. Remove the hammer. Turn it half way, so that it can slide out.



9. Remove the trigger pin. Push the disconnecter down, to let the pin go.



Click On Image For Closer Look

10. Remove the trigger and disconnector as a whole, just lift it out of receiver, and try not to loose a small spring between them.



This is it. Assemble in reverse order:

1. Put together the trigger and the disconnector, and drop them as whole into receiver. Insert trigger pin, while pushing on disconnector to let the pin in.
2. Slide the hammer in, turn it 90 degrees, and insert the hammer pin.
3. Insert the wire pin flat, get it under the trigger pin groove first, and then flip it into vertical position, open end facing upward.



Click On Image For Closer Look

Using screwdriver, get the hammer spring coils out of the way, and push the wire pin all the way on to a hammer pin. Make sure it clicks, and is seated in the groove fully and firmly. Make sure the rear end of the wire pin did not get out of proper position under the trigger pin groove.

